

A. E. S. STUDENTS MAKE FORTY-FIVE GLIDER FLIGHTS

Ship Returns Intact After Two Days of Constant Use At Westwood

NEW TYPE IS PLANNED

Members of the M. I. T. Aeronautical Engineering Society completed a total of forty-five separate flights at the Westwood Airport over the week-end, in a primary type, constructed by the organization, and returned with the glider intact.

It is unofficially reported that this will be the last excursion until spring. The Society contemplates entering soon upon the construction of a light secondary type which will follow plans including the latest developments, drawn up by Professor Otto C. Koppen of the department of Aeronautical Engineering.

Ready Sunday

The glider was ready for use Sunday. Howard S. Sargent, Jr. '33, made three short hops for the purpose of testing the ship for strength and stability. The force necessary for initial propulsion was furnished by a car and tow rope.

The remaining members of the Society who were present then drew lots for first flight, and the honor fell to Charles A. Woodhall '34. Mr. Woodhall, through his unfamiliarity with this type of navigation, ended with a landing which inflicted minor damages on the ship.

Use Shock Cord

By the time the glider was again ready for sailing, the towing car had departed and the regular rubber shock cord was put to work. Two flights each were then made by Leon Wallerstein, Jr. '33, Hollingshead T. Martin '32, George P. Bentley '33, and Joseph C. French '32, president of the Aeronautical Engineering Society, all of whom are members of Course XVI, with only a few minor fractures to show for their work. A total of twelve flights were made this day.

The successful performances of the past afternoon were repeated almost three-fold on Monday, when Stanley H. Walters '33, Frank S. Chaplin '32, Professor J. S. Newell of the department of Aeronautical Engineering, Leon Wallerstein, Jr. '33, and George P. Bentley '33 made a total of thirty-three uninterrupted excursions out into the atmosphere.

MEMBERSHIP DRIVE IS PLANNED BY A. S. M. E.

Members of the American Society of Mechanical Engineers are running an intensive membership campaign for the coming year. Last season the Society enjoyed a particularly interesting and active year, and the officers are planning a fuller program this season.

In order to supplement technical studies with views of practical work, the A.S.M.E. holds discussion meetings, student paper presentations, and trips to various plants in the vicinity of Boston. The dues are one dollar a year, and this entitles the members to special rates for all the publications and upon graduation gives them a junior membership in the parent organization.

Norman O. Paquette '32, president of the Technology Society is planning for a full program this year, with special emphasis laid on the presentation of student papers, in order to give the students an opportunity of speaking before a group.

Field Day Tug-O-War Teams Need More Men

Enough men have not yet reported at Tech Field for the Field Day Tug-O-War teams. Twenty-four men are required for each team. Any men that wish to try for the team and perhaps win his numerals may do so by reporting at the Tech Field any night after 5 o'clock.

Badminton and Volley Ball Courts to be Opened Soon

Three volley ball courts and a badminton court, all located behind Walker Memorial, will be opened sometime next week. Badminton racquets, and shuttles, as the thing that takes the place of a ball in that game is called, will be supplied gratis to residents of the dormitories by their athletic board. Students not living in the dormitories may use the courts, but must supply their own equipment.

Both Squads Have One Football Game Apiece Previous to Field Day

One Further Game Tentatively Arranged for Each Group of Men

George Stoll '33, manager of the Sophomore and freshman football teams which clash on Field Day, has scheduled a game apiece for the teams in preparation for the match on October 30. A further game apiece has been tentatively scheduled to give the teams a better chance to get into shape.

The Sophomores have the first outside game with a Harvard class team on October 15. On October 22 the freshmen are slated to meet a Sophomore team from Harvard. Tentative games are called for on October 16, with the freshman team meeting Lawrence Academy, and on October 23, when the Sophomores will play Dean Academy.

Prior to the freshman meeting of last Wednesday, there had been so few of them out for football that the manager despaired of even being able to make up a full team. On Thursday, however, the freshmen took the game up in earnest and brought seventy-five men out. Since then the group has fallen off considerably in numbers, though last night there were enough men on hand to make three teams. Manager Stoll believes that at present the freshman team has a little the edge on the Sophomore team in both quantity and quality of players. The Sophomore squad of last year has the advantage in experience and acquaintance with each other's style of playing, but they are lacking in a strong reserve. The freshmen, on the other hand, while a bit weak in co-ordination, seem to have somewhat better material and are well reinforced by a strong second-string squad.

Most of the equipment in the Field House has already been taken, but men in need of it may be sure that if they are good enough there will always be a supply on hand. Members of last year's Sophomore team will probably be able to loan some articles and also men who played on the different publications teams. Practice for the Sophomores is held on the Tech Field at 5 o'clock each night. The freshmen workout at 4 o'clock on the same field. For the benefit of those freshmen who did not attend the meeting last Wednesday, candidates for that team will be excused from Military Science on Mondays and Tuesdays for practice. Those men should see Manager Stoll.

AWARDS ARE GIVEN AT SMOKER FOR NEW MEN

Technique Cup Goes to Coons Schwartz Medal to James

Claude E. Coons '33 was the winner of the Technique Cup for the past year, and the Schwartz Medal was presented to Byron E. James '32, manager of the soccer team. The former award is given for the scorer of the largest number of points during the intercollegiate track competition, while the latter is given to the manager doing the best job at guiding the business ends of an athletic team.

As the varsity high jumper, "Ev" Coons scored the highest number of points during the year. For the second time, James was manager of the soccer team. His successor was appointed, and proceeded to flunk out of school and, having no one else to fill the job, he again took up the duties and performed them for a second year.

N. E. Schoolboy Soccer Champs Take Freshmen

Quincy High School's Soccer Team Beats Frosh In Their First Game

Quincy High School was held by the freshmen to seven goals last Saturday afternoon at Coop Field. As the Quincy team won the New England Schoolboy Championship last year, this was quite a feat on the part of the freshmen. This was the first game of the season for them. Last week, however, Quincy beat Watertown 8-0, thereby gaining experience. Saturday's game was played in two thirty-five minute periods, and was refereed by the Quincy coach and by an assistant manager of the M. I. T. team.

The freshmen played a very good game despite the fact that they had had very little practice and hadn't worked out together as a team. The work of the backs was outstanding; the ball was in the Tech zone most of the time, and they were kept quite busy. Jack Ballard and Sam Orton are two backs who have had experience in prep schools; G. (Fuzzy) Forsberg never played the game before, but showed great prospects of becoming a very fine player; he has a very effective body-check. There was little teamwork among the forwards; their passing was noticeable for its absence. Cosento and Snow played a fine running game, and with a little practice the forward line should develop the scoring punch needed to win games.

Quincy had some very fine players; eight were members of last year's championship team. They passed well, their backs were good booters, they had a good goalie, and they could use their heads equally as well as their feet. Last year they won 16 games out of 16, beating Brown frosh '9-0, Tufts frosh '9-1, Exeter 3-2. They beat Pawtucket High in Rhode Island, and New Bedford High for the championship.

There are four or five more games scheduled for the freshmen: Andover at Andover, Saturday. Coach Goldie wants as many more men out as can possibly come; no experience is needed, and there is room for everyone. Bring a pair of old pants to the Coop Field any day except Friday, Saturday, or Sunday, between 4.30 and 6 p.m.; report to the manager or the coach. The lineup:

Prosh	Quincy High
Cosento, r.o.f.	r.o.f., Jipsen
Hamilton, r.i.f.	r.i.f., Michelson
Kraus, c.f.	c.f., Brown
Snow, l.i.f.	l.i.f., McGibbon
Mather, l.o.f.	l.o.f., McQuir
Ballard, r.h.b.	r.h.b., MacArthur
Orton, c.h.b.	c.h.b., Wilson
Forsberg, l.h.b.	l.h.b., Chisholm
Chappe, r.f.b.	r.f.b., Pain
Hatz, l.f.b.	l.f.b., Batteredin
Smith, g.	g, Follum

Basketball Team to Start Practice Soon

Candidates Should Sign Up In P. T. Office in Walker Before Oct. 23

Men interested in basket ball have until October 23 to sign up with H. P. McCarthy, coach. Basket ball is a leading winter sport at Technology, and the interest in it is very high. Yesterday, for instance, eight men from last year's squad were practising in the Hangar Gym, even though regular practice will not start until after Field Day.

Unfortunately, basket ball is one of the very few sports at Technology which cuts men from the squad, because of the limited facilities for practice. Usually about fifteen varsity men and an equal number of freshmen are retained. Therefore, it is not advisable for any man to come out for the team unless he has had some previous experience.

The varsity schedule for 1931-32 will be found elsewhere in this issue. The captain is Harry L. Johnson '32, and the manager is John D. Rumsey '33. Sign up with Mr. McCarthy on the third floor of Walker Memorial before October 23.

Institute \$2,000 Short as Tuition Rises \$100

Very few students there are who do not bewail the fact that tuition was increased by one hundred dollars this year. On the surface there seems to be no good reason for it but a glance into the books with Bursar Ford gives a better idea.

An increase of \$255,000 in the income of Technology this year over last year was the result of the extra hundred dollars per student. In a similar manner the salaries of the faculty members have been augmented, so that the increase in salaries this year is \$257,000 over last year.

Now the question is not, "What happened to the extra \$255,000?" but, "Where did the Institute obtain the \$2,000 to make up the deficit?"

Tau Beta Pi Plans Entertainment for Juniors, Seniors

Dance and Smoker Planned to Aid Candidates in Meeting Active Members

Tau Beta Pi, national honorary engineering fraternity, has announced through its president, Rolf Eliassen '32, plans for a dance and smoker to be held some time within the next three weeks. All eligible members of the Junior and Senior classes are to be invited to attend. It is hoped in this way the active members of the chapter will have an opportunity to become acquainted with the candidates for election. The elections to the organization will be held approximately one week after the dance. Announcement of the actual date selected will be made in THE TECH shortly.

Eliassen attended the National Convention, as the Technology representative, held at the Case School of Applied Science in Cleveland, Ohio, on October 8, 9 and 10. Delegates from all states in the United States met there for discussion of the methods used in selecting men for membership; to form two new chapters, one at the Engineering School of New York University and one at the Brooklyn Polytechnic Institute, and to announce the award of eight Fellowships for graduate work given by the National Organization. During the convention a model initiation was held for the guidance of the assembled delegates.

PROSPECTS LOOK GOOD IN VARSITY SWIMMING

Unusually Brilliant Season Predicted by Manager

"With thirty varsity mermen coming home to roost, the swimming team's prospects are extraordinarily brilliant," says Edward L. Wemple '34, manager. The team is composed of such veterans as Capt. James E. Turner '33, Walter D. Teague '33, Norman Levinson '33, and Louis H. Flanders '33, all of whom have had at least one year of experience. With this selection of swimmers, it is confidently felt that Coach Maximilian Untersee, although coaching at M. I. T. for the first year, will produce a serious contender for the intercollegiate title.

Candidates for the varsity or freshman teams are invited to attend a mass meeting to be held on October 21, at 5 o'clock. Any student who has had any experience is urged to try out for the teams.

As soon as the preliminary details are over, the varsity team under Coach Untersee, and the freshman team under the veteran coach, Sherwood I. Brown, will begin training at the University Club pool. Practice is to be held every Monday, Wednesday, and Friday afternoon at 4.30 o'clock.

On December 16, the Interclass swimming meet will be staged. At this time, both teams will meet their first opposition of the season. The varsity team will open its official season on January 9, meeting Amherst at home, and the freshman group will inaugurate its official season by encountering, at home, the Harvard freshmen on January 13.

FIRST MEET HELD FOR EARLY TRACK AND FIELD EVENTS

Bell Is High Scorer with Two Firsts—Competition Not Yet Strong

FRESHMEN SHOW WELL

Results of the first track meet of the season place Dick Bell, Greenlow, and Max Winerman as high scorers, Bell having taken firsts in the two dashes, the 150-yard and the 75-yard lengths. Freshmen seemed to have the edge on the other classes by taking all three places in the discus throw, and numerous places in the other events.

In the short dash, Rimbach followed Bell to the tape, followed closely by Wrigley and Lockhart in the order mentioned. The time for the event was 8 seconds, which, although not of championship timbre, is good for this early part of the season.

Freshman Wins 600-Yard Run

Lytle, a freshman, took first in the 600-yard run, and was about twenty yards ahead of Shaw, a Junior, who was next, and followed by Haley. The time, considering everything, was very fast, the men covering the distance in 1 minute, 20 4-5 seconds. Shaw was running in good style, although he is not out for the middle distances.

Bell took the 150-yard dash easily, in 19 seconds, and was trailed by the same men, in the same order as in the shorter race. The discus, as stated, was dominated completely by the freshmen, with Greenlow first, Prestwich second, and Fuchs third.

Winerman Wins Shot

The shot was taken by Winerman, with a throw of thirty-six feet, five inches. There was some indecision regarding the weight ball to be used, as the freshmen entered in the event had never before

(Continued on Page Three)

DRAMASHOP TRYOUTS PUT OFF FOR WEEK

Tryouts for the Dramashop's first production, "Mr. Antonio," have been postponed for at least a week. The play is at present available only in manuscript form, and the tryouts are being held up until the separate parts can be obtained from a professional agency in New York. Professor Dean Fuller, coach of the organization, has requested that all those wishing to try for a part in the production see him some time this week in Room 2-176. It is hoped that the actual work of selecting a cast may be begun on Monday or Tuesday of next week.

Soph Tug-O-War Men Easily Roll Landscape

To the shrill cries of "Pull, pull" by the counter of the Sophomore tug-O-war team, forty husky second-year men are accomplishing wonders in the small field behind the track house. Last evening they tired of the persistent creaking of the old pole which serves as an anchor to the rope. One member discovered a three-ton cement roller nearby, and the suggestion that they pull the roller for awhile met with instant approval.

Ready hands made the rope fast to the roller, and the men took their positions at the rope. With a burst of enthusiasm everyone gave a huge tug—the roller would not budge. A second huge tug and again no action. An engineering consultation followed. The trouble proved to be due to the large amount of time between pulls. Again at their positions the men began a series of short, sharp, quick pulls, in cooperation with the counter. The roller moved and began assuming an acceleration of some size. In their hurry to keep up with it men tripped and stumbled over the landscape. Not until the huge mass had been moved to the other side of the field did the men stop. Then they wiped the sweat from their brows; their object had been accomplished.

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OUR OWN HIGH-POWERED TRUST

WHATEVER complaints there are leveled against the Technology Branch, Harvard Cooperative Society, they were somewhat appeased yesterday with the payment of last year's dividends, but in spite of this effort toward the creation of goodwill, the undertone refuses to subside. Voo Doo very properly took various members of the Faculty to task for their annual altering of textbooks for no apparent reason other than to increase sales by killing the second-hand market. Has not the Coop some hand in making our textbook situation more than disagreeably expensive?

Prof. Robert E. Rogers, at the All-Technology Smoker Friday evening, very adroitly christened the Cooperative Store "the dearest place on earth." Those of us who have had only the meagerest training in the manoeuvrings of trusts, or those who are the least interested in the financial sheets of the newspapers can appreciate the advantages of the monopoly which the "Coop" controls. We of the student body are literally forced to purchase our books at that establishment, and the ten per cent dividend serves as a bait for our other incidental purchases. Obviously we are left without recourse to other and more inexpensive means, and the "Coop" flourishes.

Before the Institute officially opens, the heads of the various courses estimate the number of men they expect in different subjects, and this list is turned over to the Cooperative store as a basis for making up its stock. Thus we should expect nothing in the manner of the unnecessary delays which are caused each year because the "Coop" has reported certain books or supplies out of stock.

While we do appreciate the services that the "Coop" can render to the student body, and with no desire to place on its reputation any black scars, we question the efficiency of its operations, and the justice of its price level. Wholesale quotations on school materials would seem to show that a dividend of more than ten per cent might be allowed, and still a satisfactory profit written on the accounts. We admit that the textbooks which are sold to Technology students are of a specialized type for which there is little or no outside demand, but are the prices quoted as reasonable as they might be?

The trustees of the Harvard Cooperative Society are members of the Faculties and Corporations of both Harvard and Technology, and their stated purpose in operating their two stores is to lower the cost of school materials and supplies for the benefit of the students of both institutions. In light of the ever prevalent agitation against the "Coop" and the above specific complaints, we are given to contemplate whether or not the organization is endeavoring to live up to the standards which it has set for itself. Some of the accusations we must discount as being unfounded, the others undoubtedly have solid common sense behind them. Where there is smoke, there must be fire.

IDLE MUSIC

TWO years ago with a spirit of "The Cardinal and Grey Forever," several hundred Technology Song Books were printed, offered for sale, and the proceeds dedicated to crew for the purchase of a new shell. The sales were especially encouraging during this campaign, but we must recognize that without a tremendously ambitious committee nothing in the way of a song book could be sold to Technology students. Last year, the Song Book committee confessed to some fifteen or twenty sales, and pleaded that it could do no better. This year, apparently, this half-hearted outlook is to remain the only influence to inspire a worthwhile movement. No one knows whether or not there is a committee, and no one cares.

Naturally enough such a sales campaign is among the most difficult, but it has proven successful in the past. Certainly the benefit to crew, in light of its standing in Technology sports, should be the main argument for a revival of the campaign. We suggest that the Institute Committee look into this matter, and appoint a committee which shall be willing to put its entire efforts into selling these books, if for no other reason than to get rid of the large supply on hand.

The SPECTATOR

Sorrowful Smoker

The All-Technology Smoker was supposed to be a festive and happy occasion. Those optimists who attended were treated to an unequalled exhibition of gusty lamentation and lugubrious wailing on the part of Bill Greene and the Rhythm Brothers. The latter mounted the stage ostensibly for the purpose of singing. Actually, their respiratory repertoire included everything except sneezing. The entertainment committee should be congratulated. The entertainment could not be duplicated for nothing anywhere.

They Done Her Wrong

Bill may be excused, however. He had a lugubrious subject to discuss. It is indeed a matter for concerned comment when an organization of the size and stability of Tech Show goes on the rocks, and talk is heard of its abandonment. Bill, in fact, was quite visibly shaken; the shock of this fatal blow to the huskiest of his dramatic proteges was apparent in the bent shoulder, the quavering voice, the liquid eye, and the shaking hand of the man who was befriending her in her hour of need. Alas!...

The Show Situation

If no other good comes out of the Tech Show muddle, it will at least have had the effect of provoking some discussion on the merits of the Show. It may be true that there is much more fun to be had in producing a show that has been written by the students themselves. But this is to ignore the more important point, that the show must attract audiences, and pay its own way. And the chances are considerably less that a home-made production will do this than one written by a talented and experienced outsider.

Tech Show depends for its audiences not only on Technology students, but on the theater-going public of Boston as well. And that public is going to look around for other and better ways of spending its dollars before it will exchange them for Tech Show tickets. Engineers may derive much pleasure from composing songs, designing dances and costumes, and staging gags, but the resulting production may be an artistic eyesore. Personally, the Spectator has always found it difficult to stomach these male chorus girls, anyway. A swarthy chorine cavorting around the stage in a grass skirt is a disgusting travesty of something that represents, for the average man, an approach to beauty.

Last year's Tech Show, as well as those which preceded it, was the result of painstaking effort and an immense amount of hard work. Nevertheless, the Spectator feels that these efforts were largely misdirected. The revue type of show is difficult to stage, and is practically unproductive of any cultural good. A rumor was current last spring that the revue was to be abandoned. It is to be hoped that this rumor was not unfounded.

As We See the MOVIES

"The White Devil"

If the weary Technology student is seeking respite from his labors and seeks entertainment different from that afforded by the usual run of movies, the current offering at the Fine Arts holds great inducement. Adopted from Tolstoi's story, "Hadschi Murat," and with the small amount of dialogue in English, "The White Devil" offers an evening of entertainment, and entertainment that holds the interest during the whole performance.

The film is produced by a German company and the scene is laid in Russia. The story concerns the attempt of the Czar to subdue a portion of the Caucasian mountains and the part played by Hadschi Murat in repelling the Cossacks. Ivan Mosjoukine playing the part of Murat gives a realistic interpretation of the patriot who is driven from his home and returns a hero after having saved his village from the attacking Cossacks.

Lil Dagover, playing the part of the village dancing girl, is abducted by the invading army and taken to St. Petersburg where she dances in the ballet. The Czar sends her to a pavilion and Murat comes to the rescue. Together they return to their village, outside of which the hero repels the invaders and so saves the populace. Miss Dagover gives a good rendering of her part, but her English is at times almost halting.

Escapades of Erring Men Recorded in "Black Book" at King's College

Record of Misdemeanors Shows Contrast of Students of 1771 and 1931

Technology students who are under almost no restraint and the students of Columbia University, back when it was a glorified boarding school with the name King's College, make a contrast in educational methods almost beyond compare.

Students at the Institute come and go as they choose, and in most cases attend classes or not, as they wish. Not so the young man of two and a half centuries ago when the students were never allowed to forget that the college had limits at the fence and when the president wielded the ferule as the minion of the Board of Governors.

At that time there came over from England an institution called the Black Book, more properly known as "The Black Book or Book of Misdemeanors in King's College, New York," wherein were recorded the various offences of the students against the college rules.

The full text of the volume, which was the bugaboo of the "boys" at Kings for four years was published for the first time last spring by the Columbia University Press. In its pages are entered various incidents which tend to show the strictness of the discipline, the rigorosity of the curriculum, and the mannerisms of the time.

An entry of January, 1771, discloses to those of whom he never even thought, that

The Don Cossack Choir with its unrestrained singing, offers the musical background in the village. The mountainous scenery differs somewhat from that seen in pictures produced in America, and perhaps its novelty makes it appealing. There is a snowstorm during which the wind whistles like a shrill locomotive, if one is interested in the acoustics of storms.

In addition to the feature, the management offers the regular news reel and a short subject, "Hell Below Zero," showing an exploration trip to the Mountains of the Moon, in central Africa. This picture may not have set out to debunk the idea of fierce wild animals in Africa, but it surely did just that thing. In an automobile the leader of the expedition drove up and took pictures of lions, giraffes and other animals. In the Mountains of the Moon, pictures were made of growing plants that are now found in the coal beds of Pennsylvania. In all, it's an evening well spent. B. W.

Master Skene was "Reprimanded publicly at a visitation for having come through a hole in the college fence at 12 o'clock at night." Contrast that with the present-day dormitories and fraternity houses.

Messrs. Shreeve, Abrahams and Bogert were "confined to college for taking tea-cups out of another student's room," and for all we know they were merely borrowing them to make out a full set for a hand of bridge.

Under the date of March, 1772, seven students who were entered for "ill using Mr. Harpur, by calling names in the dark, chose to make public announcement of their offence, in the public hall and to ask pardon for their conduct, in respect both to him, and the government of the college which they have affronted."

"For having stole a very large quantity of wine out of the president's garret were Messrs. Van Buren, Willett, Davan, and Rapalje to be reprimanded before the committee on June 21." And another entry from this same period evidently comes from an era before the present one of central heating and running hot water in every room, "All firewood must be moved immediately out of ye rooms, and nothing but coals to be used on any pretense whatsoever."

Technology students, with their business-like mien and serious attendance at lectures of technical matters would look quite a bit different if they were garbed as the college men of that period when this rule was enforced: "Students going without their caps and gowns to be presented to the next Board of Governors."

Lydia Lee Luncheon

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ROBERT GRAY, Representative



FIFTH AVENUE AT FORTY-SIXTH STREET

Dr. Tryon to Visit Nine Western States

Will Consult with Students who Plan to Enter Institute

Dr. James L. Tryon, director of Admissions of the Institute, has left on a tour which will take him through nine western states, where he will visit thirty-two colleges to consult with students planning to enter the Institute in the future. Dr. Tryon will also address Technology clubs in Butte, San Francisco, Los Angeles, Spokane, Seattle, and Portland.

Dr. Tryon has been invited to address the faculty of the Montana State College on October 15. After visiting the Montana School of Mines at Butte and the University of Montana at Missoula, he will go to the State of Washington, later visiting Idaho, Oregon, California, Nevada, Arizona, New Mexico, and Texas. Dr. Tryon will return to Technology about the middle of December.

NEW LATHE ARRIVES FOR PHYSICS SHOP

New Machine Can Turn Stock Of 40 Inches Diameter

A new lathe, capable of accommodating work of unusual size, was received yesterday by the Physics Department from the Rahn-Larmon Company. The machine, which weighs 5000 pounds, was hauled on a truck to the doorway of Building 2, whence it was conveyed by skids and rollers into Room 2-063.

Although normally the largest piece of stock the lathe will receive is one of 20 inches, a special feature permits the bed to slide back to accommodate work up to 40 inches diameter. The headstock is not driven from an overhead shaft, but has its own electric motor, providing individual control. Gears for thread cutting are also built in, and any combination may be engaged by moving a lever.

This machine was installed at a cost of \$3,000, and Mr. W. H. Kallenbach of the Physics Department believes it will be very useful in some new experimental work soon to be started.

FIFTEEN FENCERS TRY FOR VARSITY BERTHS

Several Veterans Remain From Last Year's Team

Although Technology's varsity fencing team has only a tentative schedule at present, it is fast getting into shape for the coming season. There are fifteen men on the varsity squad, and the coach has some good material from which to pick. Several veterans are left on the team, including the captain, Ralph Hamilton '32. However, the loss of two of last year's men is felt keenly. These men are Gordon D. Shellard '31 and John J. Kennedy '31. Shellard held the New England Individual Championship in the epee, while Kennedy was the star in the sabre.

The call for candidates for the freshman fencing team will soon be made, and the coach hopes that all freshman who can, will come out. Any freshman, however, who plans to come out for fencing, should report to the Physical Director's office, in Walker Memorial, and signify his intention of substituting fencing for Physical Training. Regular practice will commence soon after Field Day, and several good matches have been arranged for the freshman team.

PERSIAN CONSIDERS U. S. GIRLS PRETTY

Attributes Beauty of American Form to Athletics

"American girls are the prettiest I have ever seen, and I have seen girls of ten nationalities," said Victor Humbartzoom Serunian, University of North Carolina freshman, in an interview with a representative of the Daily Tar Heel. In slow, careful English which was excellent for a master of six languages, Serunian explained that he attributed the American feminine beauty of form to athletics. Athletics, the Persian believes are a boon to America.

"Of course, the girls of my own country—well," and he smiled quizzically.

Sigma Alpha Epsilon, one of the "Big Five" of American college fraternities, once had a woman member in the days of the Civil War.

TOURNAMENT PLANNED FOR SQUASH PLAYERS

Coach Summers Starts Novel Contest to Pick Teams

In order to pick men for the two varsity and the freshman teams, Coach Jack Summers is planning a bumping tournament for all men out for squash. A list of men now signed up will be posted opposite the Cashier's office in Building 10, and in the track house near the entrance to the squash courts.

Any other men interested are requested to sign their names on this list. Any person whose name appears above his on the list, and if he defeats him may change places with him in the ranking.

Technology competes in the "C" and "D" classes as defined by the Massachusetts Squash Racquets Association, and teams to compete in these classes, as well as the freshman team, will be picked from the top ranking men in the bumping tournament.

Both varsity and freshmen will have a schedule of ten or twelve games. Squash may be substituted for P. T. by freshmen, provided that they sign up in the P. T. office in Walker Memorial before October 23. Physical fitness cards must be presented.

MUSIC CLUBS TO HOLD POSTER COMPETITION

Contest Will Be Open To All Students This Year

Five dollars will be given to the winner of the Combined Musical Clubs annual poster contest for the Christmas concert; second prize will be a ticket to the performance. Anyone who submits their entry at the Musical Clubs' office in Room 303, Walker Memorial, before November 27 is eligible for the awards.

All posters must contain the following information: Date, December 11; place, Walker Memorial; subscription, \$3.00 per couple; time, concert 8.30 and dancing 10-2. All copyrights are reserved by the clubs on posters submitted.

Formerly the contest was open only to members of the Architectural Course, who get credit in their free-hand drawing work for the posters. This year it is open to all Institute students, and so it is expected that more than usual interest will be shown in the competition.

A skunk has been adopted as the team's mascot at the University of North Carolina.

Date	Team	Place
Saturday, December 5	Newport Naval	Home
Saturday, December 12	Open	
Tuesday, December 15	Rhode Island State	Away
Saturday, December 19	Open	
Wednesday, January 13	Clark University	Home
Friday, January 15	Harvard	Away
Saturday, January 16	Brown	Home
Saturday, February 13	Lowell Textile	Home
Friday, February 19	Pratt Institute	Away
Saturday, February 20	Stevens Institute	Away
Friday, February 26	New Hampshire	Home
Wednesday, March 2	Tufts	Away

PHOTO CLUB PLANS HIKE FOR SATURDAY

Official recognition by the Institute and a camera hike to Middlesex Fells are the plans of the Photo Society for this season, as set forth last Friday at their regular meeting. A new constitution has been drawn up, and will be submitted to the Institute Committee for acceptance in the near future.

This Saturday is the day set for the picture excursion. Anyone interested in photography is invited to attend. The Society will meet on the steps of Walker at 12.30 o'clock; don't forget to bring a camera.

"The best university student is mildly conceited and indifferent to sports, heavier than the average and younger than the average," according to a Purdue professor's appraisal.

"Students in Western universities are more eager for the acquisition of knowledge than those in Eastern institutions," according to the head of Brown, President Barbour.

FRESHMEN SHOW WELL IN TRACK AND FIELD

(Continued from Page One)

handled the sixteen-pound affair. The sixteen-pounder was finally decided upon, and the unfamiliarity apparently conquered those hardy first-year men who entered, as they made only a third place with Greenlow, with Lockhart in second berth behind Winerman.

The high jump was ceded to Bartlett, who cleared five feet two. There was very little competition among the men, as they seemed to be in poor condition, and of the regular jumpers present, Bartlett was the only man to place. Fachs took second place, and third honors went to two enter-

prising weight men of last year's freshman team, Winerman and Rimbach.

Coach Wants Men in Condition

Coach Oscar Hedlund stated that the reason for holding the meet so early was to get the men not on the cross-country squad in shape before the indoor season commences. This fact causes the events to seem rather incomplete and uncomprehensive, but it is arranged to give the proper men the most work possible.


November 23 will be the deadline for signups from the men who wish to substitute track for P. T. There is to be a regular P. T. competition among the freshmen again this year, and in view of the records made last year and the men discovered, there ought to be many results from this year's efforts to please the two coaches.

The University of Chicago announces a course in Criminal Arts. Ex-criminals are brought in to present first-hand instruction.

Be Popular. Learn All The Latest Ballroom Dances. Private lessons at any time. Class every Tuesday evening at 8.30. Special rates to students. Young Lady Teachers. The Paporone Studios. 1108 Boylston Street, Boston. Near Massachusetts Ave. Telephone, Commonwealth 8071



Another successful RENTAL season for our **DOUBLE BREASTED TUXEDO** at student rate of \$2.25 ♦ Single Breasted \$1.50
READ & WHITE
111 Summer Street ♦ BOSTON ♦ 93 Massachusetts Ave.




A nerve system for energetic skyscrapers

Long before the huge bulk of a new skyscraper looms up, Bell System men have planned its nerve system—the maze of telephone cables and wires so vital to its business activities.

From the inception of a building design, telephone engineers work hand in hand with the architects. They determine the telephone

needs of thousands of future tenants. Then they plan cable shafts rising from cellar to roof and the grid of under-floor ducts that will put telephones within easy reach of every occupant.

There's a real thrill in working out these plans, for without telephones the immense structures of today would hardly be practicable.

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MEN'S SHOES



Riding Boots
Of Special Interest to Students Enrolled in the R.O.T.C.

A Special at \$16.50
An English type at \$22.50
Imported Made in England \$25.00
Top Grade \$35.00
Field Boots Norwegian Grain \$18.00

Accessories
Spurs, Chains, Garter Straps, Boot Jacks, Boot Hooks

You may Take Advantage of Your 12 1/2% College Discount From These Prices

COES AND STODDER
10 to 14 SCHOOL STREET

OFFICIAL BULLETINS OF GENERAL INTEREST

Physics and Physical Chemistry Massachusetts Institute of Technology
Thursday, October 15, 3.00 p.m., Room 8-105

Physical Chemistry Conference. Mr. H. T. Gerry will speak on "The Normal Vapor Pressure of Iodine."

Thursday, October 15, 4.00 p.m., Room 4-231

Physics Colloquium:

1. The Kerr Effect in Rochelle Salt. Prof. Hans Muller.
2. Some Applications of the Fowler-Nordheim Theory of Potential Barriers to Photo-electric and Thermionic Problems. Prof. W. B. Nottingham.

CALENDAR

Wednesday, October 14

- 5.00 p.m. — Boxing mass meeting in Hangar Gym.
- 6.30 p.m. — Tech Catholic Club dinner meeting in North Hall.
- 8.00 p.m. — Menorah Society smoker in Faculty Dining Room.

Thursday, October 15

- 5.00 p.m. — Institute Committee meeting in West Lounge.
- 5.00 p.m. — Banjo Club rehearsal in East Lounge.
- 6.00 p.m. — Instrumental Clubs rehearsal in East Lounge.
- 6.30 p.m. — Plant Engineering Club dinner in Grill Room.

Friday, October 16

- 6.30 p.m. — Student Branch Army Ordnance Association dinner in Faculty Dining Room.

UNREDEEMED PUBLICATION SUBSCRIPTIONS

The following men have not redeemed their Pi Delta Epsilon combined publication subscription offer:

- | | |
|--------------------|----------------------|
| Abramowitz, W. | Kepler, C. J. |
| Altglass, A. | McBrien, J. |
| Beaubien, C. J. | Mandelbaum, J., Jr. |
| Beckwith, L. M. | Marquardt, A.C., Jr. |
| Brewster, H. A. | Mills, C. W., Jr. |
| Briefer, J. H. | Pomeroy, T. M., Jr. |
| Burke, J. H. | Porter, M. A. |
| Carricarte, A. C. | Powers, J. M., Jr. |
| Chapman, J. B. | Quigley, H. M. |
| Dastas, L. A. | Robinson, W. G. |
| Day, E. E. | Ross, C. H. |
| English, E. W. | Rother, V. J. |
| Godinez, S. R. | Ruane, H. W. |
| Greze, J. | Sherlock, H. |
| Groves, S. A. | Sherman, K. B. |
| Henderson, W. J. | Souder, J. J. |
| Hochreutiner, Rene | Stone, L. C. |
| Horton, C. R., Jr. | Suero, A. |
| Houpert, H. | Swanson, W. C. |
| Howell, J. H. | Sylvester, E. Q. |
| Ivaska, J. P. | VanPattensteiger, R. |
| Johnstone, E. | Watson, W. M. |
| Kass, E. A. | Yates, F. A. |

Please call at The Tech Engineering News office, Room 29, Walker Memorial, on Friday, October 16, or Monday, October 19.

OUR MISTAKE

When discussing with Professor Ross F. Tucker '92 the material which appeared in the feature story about Course XVII, the reporter misinterpreted certain statements and confused some technical information. The staff regrets this unintentional error.

TRACK P.T. SUBSTITUTION

Freshmen wishing to substitute track for P.T. must sign up in H. P. McCarthy's office any morning before noon, October 23. Physical fitness cards must be presented. Roll cards must be turned in at the track house.

SOCCER TEAM LOSES FIRST GAME TO YALE

Drop 3 to 1 Decision in Fast Game at New Haven

The M. I. T. soccer team put up a great fight against Yale on Saturday at New Haven, but went down to defeat by a 3 to 1 score, in the first game of the season, for both teams. Considering the fact that Yale usually puts out one of the strongest teams in the East, Technology played very well, their lone goal being scored by Schulze, right wing. If they show as much teamwork against Dartmouth next Saturday, they should come through with their first victory of the season.

Saturday's lineup:

- | | |
|-------------------|---------------|
| Kaiser, g. | g., Avedon |
| Newman, l.b. | l.b., Hersey |
| Kidde, r.b. | r.b., Bannon |
| Brochmann, l.h. | l.h., Morris |
| Hansen, c.h. | c.h., Knudsen |
| Bauer, r.h. | r.h., Curtis |
| Chayabongse, o.l. | o.l., Knox |
| Thumm, i.l. | i.l., Luce |
| Kron, c. | c., Henry |
| Velez, i.r. | i.r., Fawcett |
| Schulze, o.r. | o.r., Noyes |
- Goals — Yale: Fawcett, Henry, Luce.
M. I. T.: Schulze.

R. O. T. C. Officers Appointed for Year

James T. Robson '32 Put In Command of Regiment

New student officers of the R.O.T.C. for the coming year were recently announced by the department of Military Science and Tactics. The regimental organization is as follows:

Regimental Headquarters

Col. John T. Kelton '32, unassigned; Col. James J. Robson '32, Commanding Officer; Lieut.-Col. Tom H. Jenkins '32, Executive Officer; Maj. Joseph G. Heuer '32, Plans and Training; Capt. Harner Selvidge '32, Adjutant; Capt. Frank H. Simon '32, Range Officer; Capt. Edmund F. McLaughlin '32, Assistant Adjutant; and Capt. John F. Strickler, Jr. '32, Supply Officer.

First Battalion

Maj. John A. Finnerty '32, Commanding Officer; Capt. Charles W. MacMillan '32, Executive Officer; 1st Lieut. James A. McDonnell '32, Adjutant; 1st Lieut. George J. Brady '32, Plans and Training; 1st Lieut. Miller E. McConnell '32, Supply Officer; 2d Lieut. Stuart C. Wester-

feld '32, Range Officer; J. Mason Culverwell '33, Captain Company A; Francis R. O'Leary '31, Captain Company B.

Second Battalion

Maj. George D. Freeman '32, Commanding Officer; Capt. Francis S. Chambers '32, Executive Officer; 1st Lieut. William L. Hodges '32, Adjutant; 1st Lieut. Robert W. Wright '32, Plans and Training; 1st Lieut. Walter C. Swanson '32, Supply Officer; 2d Lieut. Douglas Johnston '32, Range Officer; William A. Kirkpatrick '32, Captain Company D; Curtis D. Cummings, Captain Company E; Horace K. MacKechnie '32, Captain Company F.

Attention Boys!

Don't gamble with your clothes
Send them to the well-known
DAVID CASSO
411 Marlboro Street, Boston
Students' tailor for eighteen years.
We served your professors when they were Tech boys and will give you the same 100% service.
CLEANSING AND PRESSING AT THE LOWEST PRICES

DIRECTORY PROOFS WILL BE OUT SOON

Proof lists of the student's names and addresses have been made, and will be posted in the Main Lobby and in Walker Memorial, Friday, October 16. It is expected that all students will check off their names and make any necessary corrections.

Walton Lunch Co.

- 423 Tremont Street
- 629 Washington Street
- 30 Haymarket Square
- 6 Pearl Street
- 242 Tremont Street
- 1083 Washington Street
- 44 Scollay Square
- 332 Massachusetts Avenue
- 19 School Street
- 437 Boylston Street
- 1080 Boylston Street
- 34 Bromfield Street
- 540 Commonwealth Avenue
- 204 Dartmouth Street
- 105 Causeway Street

ALLSTON
1215 Commonwealth Avenue
CAMBRIDGE
78 Massachusetts Avenue

Oh! You Lucky Tab!!

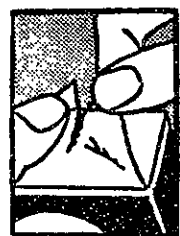
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Sealed Tight — Ever Right

The Unique HUMIDOR PACKAGE

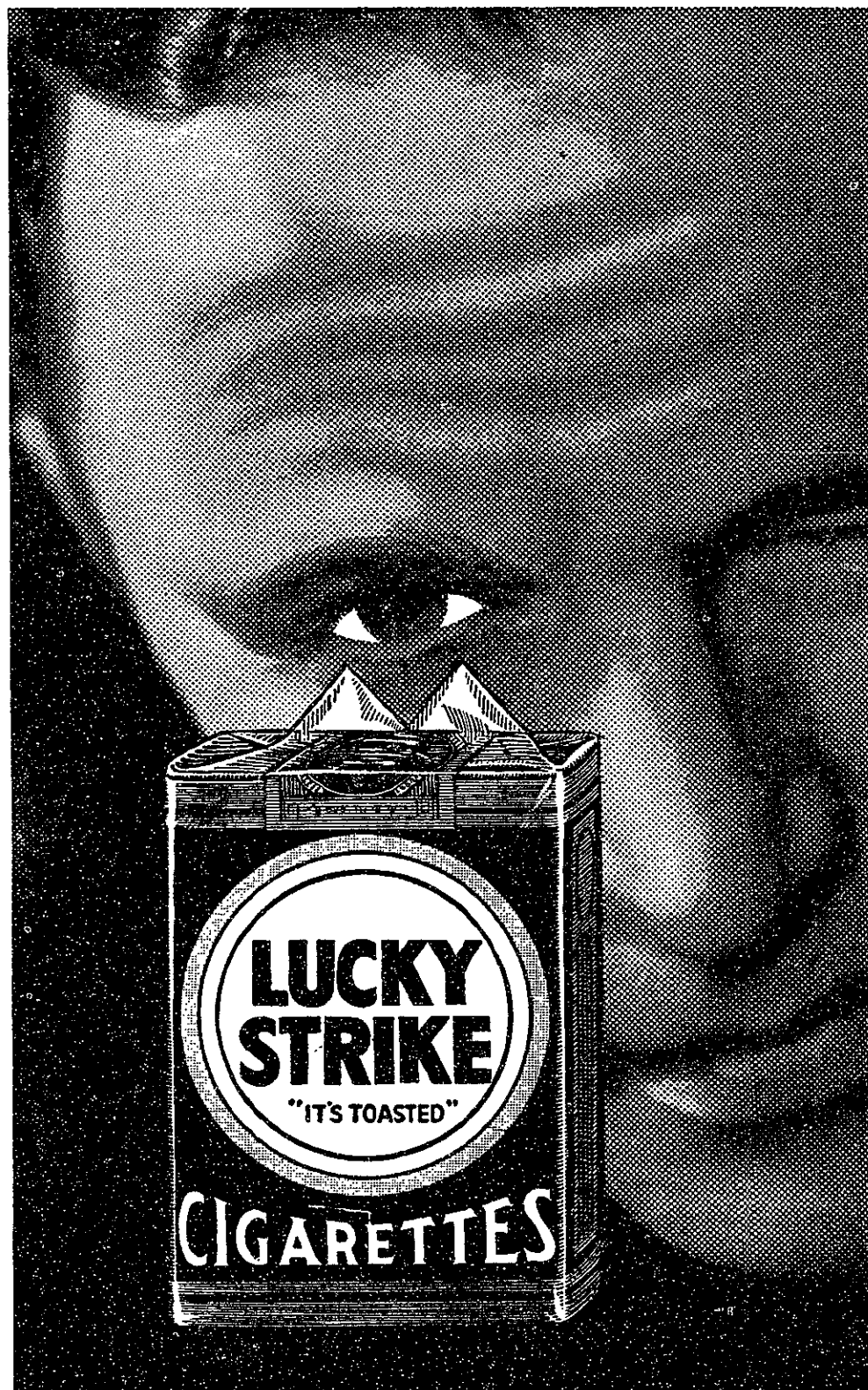
Zip—

and it's open!



See the new notched tab on the top of the package. Hold down one half with your thumb. Tear off the other half. Simple. Quick. Zip! That's all. Unique! Wrapped in dust-proof, moisture-proof, germ-proof Cellophane. Clean, protected, neat, FRESH! — what could be more modern than LUCKIES' improved Humidor package — so easy to open! Ladies — the LUCKY tab is — your finger nail protection.

Made of the finest tobaccos — The Cream of many Crops — LUCKY STRIKE alone offers the throat protection of the exclusive "TOASTING" Process which includes the use of modern Ultra Violet Rays — the process that expels certain biting, harsh irritants naturally present in every tobacco leaf. These expelled irritants are not present in your LUCKY STRIKE! "They're out — so they can't be in!" No wonder LUCKIES are always kind to your throat.



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Your Throat Protection — against irritation — against cough

And Moisture-Proof Cellophane Keeps that "Toasted" Flavor Ever Fresh

TUNE IN — The Lucky Strike Dance Orchestra every Tuesday, Thursday and Saturday evening over N.B.C. networks.